							Officer 1 Of 1			
Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. SERIAL NO. 09/178,329							
OFE HOSE			APPLICANT M. Nowak et al.							
SEP 2 K 2008	MFORMATION DISCLOSU PLATEMENT BY APPLICAL	RE NT	FILING DATE 10/23/98	GROUP ART UNIT						
ی م∖ا	se several sheets if necess	sary)								
TENT & TRADE		U.S. PA	TENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS	S . SUBCLASS		G DATE ROPRIATE			
m	6,114,495	9/5/00	KOLSTAD ET AL.							
n	5,736,204	4/7/98	SUSKIND							
N	5,936,045	8/10/99	WARZELHAN ET AL.							
N	6,197,380	3/6/01	GRUBER ET AL				, <u> </u>			
-vg	6,291,597	9/18/01	GRUBER ET AL.							
y	6,093,791	7/25/00	GRUBER ET AL.							
m	6,103,809	8/15/00	AHMED ET AL.							
n	6,114,042	9/5/00	WARZELHAN ET AL.							
M	5,852,166	12/22/98	GRUBER ET AL.							
m	6,312,823	11/6/01	L-AFANDI ET AL.							
ny	6,645,584	11/2003	KUUSIPALO ET AL.	_						
FOREIGN PATEN	T DOCUMENTS									
	DOCUMENT	DATE	COUNTRY	CLAS	S SUBCLASS	TRANSLATION				
	NUMBER					YES	NO_			
n	GB 2156 303	10/85	FISCHER							
-8	DE 28 36 552 A1	3/80	PFANKUCH							
my	GB 1 381 369	1/75	JORES ET AL.	<u> </u>						
7	FR 2 576 824	8/86	BENOIT	_						
OTHER PRIOR AF	RT (Including Author, Title, D	ate, Pertinent Pages,	Etc.)							
		····		·			····			
		<u> </u>					·			
				·						
EXAMINER	ndadou		DATE CONSIDERED	121	11/11					
* EXAMINER: Init citation if not in co	tial il reference considered, v	vhether or not citation red. Include copy of t	is in conformance with MPEP his form with next communica	609. Drav	w line through licant.					

	•							Sheet 2 of 5		
1	DOWN PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				SERIAL NO. 09/178,329					
OPE	MAR			APPLICANT M. NOWAK ET AL.						
SEP 1) F	. 1000 (E)	ORMATION DISCLOSUI ATEMENT BY APPLICAI	RE NT	FILING DATE 10/23/98	FILING DATE			GROUP ART UNIT		
192	Se	several sheets if necess	ary)							
ST. ATE	ADE		11.S. P.	ATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLAS	S SUBCLASS		G DATE		
7		6,183,814	2/6/01	NANGERONI ET AL.				·		
-y		6,153,306	11/28/00	SELIN ET AL.						
ng		5,925,726	7/20/99	SEPPALA ET AL	_					
-ry		6,075,118	6/13/00	WANG ET AL.				· — — —		
y	 	6,080,478	6/27/00	KARHUKETO						
Jy_	<u></u>	5,540,962	7/30/96	SUSKIND						
w		5,665,474	9/9/97	GRUBER ET AL.						
1		5,807,973	9/15/98	GRUBER ET AL.						
n		5,849,374	12/15/98	GRUBER ET AL.				 		
N		5,849,401	12/15/98	EL-AFANDI ET AL.			ļ			
		5,250,348	10/93	(NAUF						
w		5,475,080	12/95	GRUBER ET AL.						
8	6.025,058 2/00 S		SHEPHERD							
FOREIGN P	ATENT DO	OCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION		
		NUMBER					YES	NO		
					 ,	· ·	0			
OTHER PRI	OR ART (I	ncluding Author, Title, Da	ate, Pertinent Pages,	Etc.)						
							•			
										
EXAMINER	W	Jusa		DATE CONSIDERED	/	2/11/06	,			
* EXAMINES	R: Initial if ot in confo	reference considered, w	hether or not citation ed. Include copy of	n is in conformance with MPEP (this form with next communication	509. Draw	line through				

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO.	SERIAL NO.				
OFE 40g	ATENT AND I	P/73-2 09/178,329 APPLICANT M. Nowak et al.						
200	INFORMATION DISCLOSU STATEMENT BY APPLICA	FILING DATE 10/23/98	GROUP ART UNIT					
المحدد الم	Use several sheets if necess	ary)						
THAT & TRADE, ME		U.S. PAT	TENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER DATE		NAME CLA:		SUBCLASS	FILING DATE IF APPROPRIATE		
1	3,230,135	1/18/66	HURST					
N	4,020,215	4/26/77	MICHAYLOV			•		
	5,989,724	11/23/99	WITTOSCH ET AL					
~	4,935,298	6/90 [DETHLEFS ET AL.					
n	6,586,026	7/03 F	RAMESH ET AL.					
7	5,196,269	3/93 H	KITTELL ET AL.					
1	5,922,441	7/99 E	EICHBAUER					
7	4,623,587 11/86		ITO ET AL.					
20	5,271,976	12/93 F	KONDO ET AL.					
3	4,386,124 5/83 A		KAO					
FOREIGN PATEN					——————————————————————————————————————		,	
	DOCUMENT		DATE COUNTRY		SUBCLASS	TRANS	SLATION	
	NUMBER					YES	NO	
OTHER PRIOR AF	RT (Including Author, Title, Da	ate, Pertinent Pages, E	Etc.)					
								
					,		,	
EXAMINER:	Warse		DATE CONSIDERED	121	11/06			
* EXAMINER: Initiation if not in calculation if not in calculation.	tial (f reference considered, wo	whether or not citation in red. Include copy of the	s in conformance with MPEI is form with next communic	P 609. Draw ation to appli	line through			

PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. P/73-2			SERIAL NO. 09/178,329					
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1					APPLICANT M. Nowak et al.						
SEP of F JODE M	STATEN	IATION DISCLOSUI MENT BY APPLICAI Peral sheets if necess	NT		FILING DATE 10/23/98	GROUP ART UNIT 1773					
TATRADE STRADE			U.S. P.	ATE	ENT DOCUMENTS						
EXAMINER INITIAL	ER DOCUMENT NUMBER DATE		NAME	CLASS		SUBCLASS	FILING DATE IF APPROPRIATE				
1	20	04/0253469	12/04	A	RENT ET AL.						
7	4,3	331,725	5/82	Al	(AO		Λ				
M	201	05/0202191	9/05	N	OWAK ET AL.						
7	4,6	883,708	8/87	LI	NDER	_					
S	4,8	69,051	9/89	SI	HIFLEY ET AL.		_				
ng	3,6	43,396	2/72		OGASHI ET AL.	_				-	
M	4,2	57,212	3/81		AVENS	_	_				
N	3,7	53,331	8/73	S	ATO				-		
10	4,8	03,102	2/89	R/	NIERE ÉT AL.	~					
N	5,3	24,467	6/94		NDERSON II	حـــ					
K	20		Αl	JNI .	-						
FOREIGN PAT	ENT DOCU	MENTS								•	
		CUMENT	DATE		COUNTRY	CLASS	s	SUBCLASS	TRANSLATION		
	NUI	MBER 							YES	NO	
							\dashv				
				_							
OTHER PRIOR	ART (Includ	ling Author, Title, Da	ate, Pertinent Pages	, Et	c.)						
EXAMINER DATE CONSIDERED 12/11/06											
* EXAMINER: citation if not in	* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										

ſ	Form PTO-1449 U.S. DEPARTMENT OF COMMERCE			ATTY. DOCKET NO.	SERIAL NO.						
	PE	PATENT AND THE	RADEMARK OFFICE	P/73-2 09/178,329 APPLICANT							
	ر د /	・・多) MFORWATION DISCLOSUI	RF	M: NOWAK ET AL.							
	STATE MENT BY APPLICANT (Used several sheets if necessary)			FILING DATE 10/23/98				GROUP ART UNIT 1773			
•	AT & TRAC			ENT DOCUMENTS							
	EXAMINER DOCUMENT NUMBER I		DATE	NAME	CLAS	S SUBCLASS	FILING DATE IF APPROPRIATE				
		3, 616,191	10/26/71	FUERHOLZER ET AL.							
		6,150,035	11/21/00	DEFIFE ET AL.			· · · · · ·	<u>.</u>			
او,		4,196,247	4/1/80	WIESMAN							
8		5,837,383	11/17/98	VENZEL ET AL.							
"		5,128,182	7/7/92	BUNKER ET AL.							
		-5,399,368	3/21/95	SEDDES ET AL.							
\ -[5,480,693	1 /2/9 6	PATTERSON ET AL.							
	5,582,674		12/10/96	ATTERSON ET AL.							
-		5,609,901	3/11/97	SEDDES ET AL.							
	my	US2002/0050119	5/02	GATEWOOD ET AL.							
V	4,242,418		12/1980	KITAGAWA							
O. A.		4,584,234	4/1986	UROSE							
	'1' V	5,244,702	9/1993 F	INESTONE ET AL.							
· [5	5,700,586	12/1997 L	AIHO ET AL.							
	m	6,087,079	7/2000 N	IEWBERRY ET.AL.							
	FOREIGN PATEN	T DOCUMENTS									
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION				
1		NUMBER					YES	NO			
-											
	OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)										
-											
-											
Ī	EXAMINER	Mofads		DATE CONSIDERED	121	11/06					
	* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										